1st and Part Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work:- package. 5 includes 4 works of Rs 170 lakhs ① RC - Asphalting to main and cross roads of 'B' C' and 'D' Blocks of Sahakaranagar wis ward no. 8 ② Improvements to roads and drains at Balaji layout and surroundings wis ward no. 8 ③ Improvements to Roads and drains at Devinagar and Lotte gollahalli wis ward no. 8 ④ providing and laying new road at Sonnegowda Layout and surroundings wis ward no. 8						
	Est cost:- Rs 170.00 Lakhs						
	Job no:- 008-18-000032, 008-18-000033, 008-18-000034 008-18-000035						

M. A. R. 57
Measurer

ial No. .....
me of Work ..... From.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number	Len
	2	3	
	H/Ac:- P-3111 SFC Work order no:- EE/BTP/wo/ Tender Amt:- Rs 1,56,98, Agency:- M/s KBR Infr Date of Recording:-		

ENT BOOK

Dimensions			Contents	Reference to last Measuremen
gth	Breadth 5	Depth 6	7	8
ludes 4 works of R.C.C lateral main and cross roads of B'C' Sahakarnagar ward no-8 roads and drains at Balaji endorg ward no-8 ③ Improve nd drains at Devnagar and ward no-8 ④ providing and t Sonnegowda Layout and ward no-8				
008-18-00033, 008-18,-00034				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357312

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	H/Ac:- P-3111 SFC Work order No:- EE/BTP/WO/10/2018-19 Tender Amt:- R. 1,56,98,713-41 Agency:- M/s KBR Infratech Ltd Date of Recording:- 7/8/2018					25 06/18	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Ino-①	Removing and Resetting of foot path Slabs Qty vide M&R sheet no (35) - 74.85 m² of enclosed excel sheet CR, 150/m²						Rs 11,227-00
Ino-②	Earthwork excavation by manual means in ordinary soil Qty vide M&R sheet no of enclosed excel sheet				(5) - 1028.90 m³ (38) - 485.54 (55) - 233.02 (79) - 243.15 Total Qty 1990.61 m³		
	CR, 210/m³						Rs 4,18,028-00

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ne of Work .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work	Number
	2	3
00	③ Dismanting Existing Qty vide m of enclosed e CR,	

OOK

	Depth 6	Contents 7	Reference to last Measuremen 8
(35) -		74.85 m²	
			₹ 11,227-00
(5) -		1028 9 m²	
(38) -		485.54	
(55) -		233.02	
(79) -		243.15	
total qty		1990.61 m³	
			₹ 4,18,028-00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357313

...al No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

...te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
...0	(3) Dismantling existing structure qty as per side mstr sheet no (39) & enclosed excel sheet @ CR, 525/m³					57.47 m³	₹ 30171-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremer
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2nd (4)	providing and laying cus position pcc g mix 1:3:6 qty vide mst sheet no g enclosed excel sheet	(42)				139.84 m³	
		(59)				2.70	
		(80)				5.40	
					Total qty	147.94 m³	
					qty rel to	146.09	
	(₹6000/m³						₹ 8,76,540-00
2nd (5)	providing and removing/centering shuttering qty vide mst sheet no g enclosed excel sheet	(45)				1482.88 m²	
	(₹350/m²						₹ 5,19,008-00

al No. .....
ne of Work .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work	Numbe
	2	3
2nd (6)	providing and laying using 20mm RMC m.20 qty vide mst g enclosed exc	
	(₹ 7000	

T BOOK

sions		Contents	Reference to last Measuremen
readth 5	Depth 6	7	8
ftrm			
et no (42)		139·84m²	
el (59)		2·70	
(80)		5·40	
Total qty		147·94m³	
qty Val to		146·09	
			R, 8,76,540=
ng			
el- no (45)		1482·88m²	
Lead			
		R, 5,19,008=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357314

al No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sny (6) providing and laying Cement Concrete using 20mm R m C m·20						
	qty inside wall sheet no (49)					194·91m³	
	& enclosed excel sheet-						
	@ 7000/m³						R, 13,64,370=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Jan (7)	providing TMT Steel reinforcement. qty vide mar sheet no (43) of enclosed excel sheet. @ ₹ 72000/mT					9.82 mT	₹ 7,07,040/-
Jan (8)	construction of un reinforced plain cement Concrete pavement qty vide mar sheet no (51) of enclosed excel sheet @ ₹ 7000/M³					41.60 m³	₹ 2,91,200-00

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ite	Full description, etc, of work	Numb
	2	3
Jan	(9) Vaccume de-watering and Section mar qty vide of enclosed @ CR 1	

NT BOOK

ensions		Contents	Reference to last Measuremer
Breadth 5	Depth 6	7	8
ent-			
00 -	(43)	- 9.82m²	
			R 7,07040=0
lement			
r no	(51)	- 41.60m³	
			R 2,912.00-00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

357315

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(9) Vaccume de-watering with vaccum pump and suction mat sty wide msh sheet no - (52) 346.66m² of enclosed excel sheet -						
	CR 110/m²						R 38132=00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3no·(10)	Removing and Refixing stone slabs of drain Qty vide mstr sheet no of enclosed excel sheet				(11) - 2248.92 m² (57) - 298.37 (80) - 108.09 Total Qty 2655.38 m² @ ₹90/m² ₹ 2,38,984		
1no·(11)	providing granite slabs of selected quality of 7.50 cm thick Qty vide mstr sheet no				(13) - 796.46 m² (58) - 202.95 (81) - 693.90 Total Qty 1693.31 m² @ ₹750/m² ₹ 12,69,982=50		

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ial No. .....
me of Work .....
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e of commencement of work .....

From.....

ate	Full description, etc, of work	Number
	2	3
ino·(12)	providing and Const Size stone masonry cu Qty vide m of enclosed ex	

IENT BOOK

Dimensions			Contents	Reference to last Measureme
gth	Breadth 5	Depth 6	7	8
. Slab. g				
Sheet no	(11)		2248.92 m²	
Sheet	(57)		298.37	
	(80)		108.09	
	Total qty		2655.38 m²	
			R 2,38,984	
ached				
eet no	(13)		796.46 m²	
	(58)		202.95	
	(81)		693.90	
	Total qty		1693.31 m²	
			R 1,69,982=80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357316

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
no	(12) providing and Constructing Rubble Size stone masonry in cm ratio in 1:6 cm						
	qty vide mst sheet no				(60)	5.76 cum	
	enclosed excel sheet.				(82)	11.52	
					Total qty	17.28 m³	
							R 86,400.00
					(R 5000/m³)		

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2nd (13)	providing flush pointing to stone masonry with ride mark sheet no (61) of enclosed excel sheet					9.60 m²	
					(83)	19.20	
					Total qty	28.80 m²	
						@ ₹ 115/m²	₹ 3312-00
2nd (14)	providing and laying cum pumping plain cement concrete M20 1:2:4 with ride mark sheet no (62) of enclosed excel sheet					0.72 m³	
					(84)	1.44	
					Total qty	2.16 m³	
						@ ₹ 6500/m³	₹ 14040-00

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...ial No. ..... From.....
...me of Work .....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

...te	Full description, etc, of work	Number
	2	3
...(15)	Excavation for road work by hydraulic excavator with ride mark of enclosed exc	
		CR

ENT BOOK

Dimensions			Contents	Reference to last Measureme
th	Breadth 5	Depth 6	7	8
o stone				
sheet no		(61)	9.60 m²	
sheet		(83)	19.20 "	
Total qty			28.80 m²	
			Rs 3312-00	
no -		(62)	0.72 m³	
		(84)	1.44 "	
Total qty			2.16 m³	
			Rs 14040-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357317

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(15) Excavation for road work cuttings with hydraulic excavator :						
	qty vide mbt sheet no.				(15)	67.38 m³	
	& enclosed excel sheet.				(63)	259.82 "	
					(88)	385.25 "	
				Total qty.		~~723.45 m³~~ 732.45 m³	
		CR 175/m³					Rs 128178-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2no (16)	providing Laying Spreading and Compacting 10 mm gpc ?						
	Qty vide mtr sheet no (17) enclosed excel sheet.				(65)	87.36 m³	
						259.82	
					(68)	385.27	
				DH	Qty.	732.45 m³	
	@ ₹ 2000/m³					₹ 14,64,900.00	

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ne of Work .....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work	Numbe
	2	3
In	(17) providing and cast with 15 emulsi Qty vide enclos	

MENT BOOK

Dimensions			Contents	Reference to last Measureme
gth	Breadth 5	Depth 6	7	8
ding				
spec?				
sheet no	(17)		87.35m²	
sheet.	(65)		259.82	
	(88)		385.25	
DH	Qty.		732.45m³	
				R 1464.900 cm

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357318

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(17) providing and applying prime coat with 85 cm bitumen emulsion						
	Qty wise and sheet no				(19)	379.90m²	
	enclosed Excel sheet				(66)	1129.65m²	
					(90)	1675.m²	
					DH Qty	3184.55m²	
		(@Rs 32/m²)					R 101905.m

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
800 (18)	cleaning the existing blacktopped surface.						
	Qty vide mst sheet no				(21)	8283.50 m²	
	& enclosed excel sheet.				(68)	2092.15	
					(91)	948.60	
				Total	Qty	11325.25 m²	
						@ 45,301 = 00	
		@ 4.00/m²					

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e of Work ..... From
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Numbe
2	3
(19) providing and applying	
using SBI(N) grade bi	
Qty vide	
& excel shee	
@ Rs 14.0	

T BOOK

nsions		Contents	Reference to last Measureme
readth 5	Depth 6	7	8
ks stopped			
[illegible] no	(21)	8283.50 m²	
	(68)	2092.10	
	(91)	948.60	
Total	qty	11324.20 m²	
		Rs 45,301=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
357319

l No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	(19) providing and applying one thick coat using 80/100 grade bitumen (VG10)						
	qty inside roof sheet no				(24)	9041.75	
	of excel sheet enclosed				(71)	4789.00	
					(91)	3588.32	
				Total	qty	17419.07 m²	
	Rs 14.00/m²						Rs 243866.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inc.	(20) providing and laying PCC M 30 mm Compacted thickness						
	Qty inside wet shed no				(27)	96.01 m³	
	& excel sheet enclosed				(73)	62.36	
					(96)	92.39	
						250.76 m³	
			Total Qty.				
	(Rs 710/m³					Rs 1,78,096=0	

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e of Work .....
e of Contractor of nature of Agency .....
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te	Full description, etc, of work	Num
	2	3
Inc.	(21) providing and l	
	concrete of 30-40 m	
	Qty insi	
	& excel sh	
		CR.

NT BOOK

sions		Contents	Reference to last Measureme
Breadth 5	Depth 6	7	8
PBM			
ners			
ll no (27)		96.01 m³	
ed (73)		62.36	
(96)		92.39	
		250.76 m³	
l qty			
		Rs 17,80,396=0	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357320

l No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
no (21) providing and laying in Retaining walls						
Concrete of 30-40 mm Compacted thickness						
qty inside mst sheet no				(30)	360.65 m³	
of excel sheet enclosed				(75)	172.97	
				(98)	104.98	
			Total qty		638.60 m³	
CR 8000/m³					Rs 51,08,800=00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sr no (22) providing and laying of hot applied thermoplastic compound of 2.5 mm thick stop ride mstr sheet no (32) 463.50 m²						
	of excel sheet crossing (77) 159.12						
	(99) 41.52						
	Total qty 664.22 m²						
	@ Rs 630/m²						Rs 4,18,458.60

Asst Engr
7/8/18
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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I No. .....
e of Work .....
e of Contractor of nature of Agency .....
of commencement of work .....

e	Full description, etc, of work	Nu
	2	
	Sr no (23) providing glar... thick stop ride mstr excel sheet	

For KBR INFR...
Manag...

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			of not upp- of 2.5 mm thk	
heet no	(32)		463.50 m²	
8+	(77)		159.132	
	(99)		41.58	
Total qty			664.22 m²	
			R 4,18,458.60	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357321

al No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	no. (23) providing granite slabs of selected Excellent of 10 cm thick for sides and sheet no (34) of excel sheet including CR 925/m²					260.88 m²	R 241314-00
	Cartage					Pkd Amt R	1,54,01552-00

For KBR INFRATECH LIMITED

Managing Director

WOS 21/8/18

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs 1,54,01,557-00	
						IT - 308032-00	
						Cess: 154016-00	
						CBF - 15402-00	
						CR 155556-00	
						Advance - 6,33,006-00	
						Cheque: 14768 551-00	

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1,54,01,557-00

ಗಣಕೀಕೃತ ಪಾವತಿ ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 6,33,006-00

ಪಾವತಿಗಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು ರೂ 14768551-00

Rs: One Crore forty seven Lakh sixty eight thousand five hundred fifty one only

ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಮುಂದಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

20/8

M. A. R. 5
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...al No. ..... From.....
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...e of Contractor of nature of Agency .....
... of commencement of work .....

e	Full description, etc, of work	Number
	2	3